

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

Listing of Claims

1. (Currently Amended) A non-transitory computer-readable medium encoded with a computer executable data structure for managing reproduction of a text subtitle data by a reproducing apparatus, comprising:

a data area storing a text subtitle stream including at least a first segment and a second segment, the first segment including global style information, and the second segment including text subtitle data and local style information, the first and second segment~~segment~~segments including ~~an identifier~~identifiers identifying the first and second segment~~segment~~segments, respectively, and the second segment being linked to the first segment, the global style information providing at least one of composition information and rendering information for ~~an overall~~a region including the text subtitle data, and the local style information providing at least one font information for the text subtitle data for managing reproduction by the reproducing apparatus, wherein

the global style information included in the first segment is separate from the text subtitle data included in the second segment and the local style information forms a group with the text subtitle data in the second segment, and

the local style information provides the font information for the text subtitle data recorded sequentially after the local style information.

2. (Previously Presented) The computer-readable medium of claim 1, wherein the composition information includes position information for positioning a text subtitle represented by the text subtitle data on a display.

3. (Previously Presented) The computer-readable medium of claim 2, wherein the rendering information includes a display effect of the text subtitle data.

4. (Previously Presented) The computer-readable medium of claim 3, wherein the global style information includes the composition information and the rendering information.

5. (Cancelled)

6. (Previously Presented) The computer-readable medium of claim 1, wherein the font information includes at least one of a font, font size and a font style.

7. (Cancelled)

8. (Previously Presented) The computer-readable medium of claim 1, wherein the text subtitle data includes at least one text string.

9. (Previously Presented) The computer-readable medium of claim 1, wherein the local style information is stored in association with the portion of the text subtitle data for which the local style information provides the font information.

10. (Previously Presented) The computer-readable medium of claim 1, wherein the text subtitle stream is stored as at least one packetized elementary stream.

11. (Previously Presented) The computer-readable medium of claim 1, wherein the text subtitle stream is stored as a plurality of transport packets.

12. (Currently Amended) A method of recording a data structure for managing reproduction of a text subtitle data, comprising:

recording a text subtitle stream on the recording medium, the text subtitle stream including at least a first segment and a second segment, the first segment including global style information and the second segment including text subtitle data and local style information, the first and second segment~~segments~~ including an identifier~~identifiers~~ identifying the first and second segment~~segments~~, respectively, and the second segment being linked to the first segment, the global style information providing at least one of composition information and rendering information for ~~an~~ overall a region including the text subtitle data, and the local style information providing at least one font information for the text subtitle data, wherein

the global style information included in the first segment is separate from the text subtitle data included in the second segment and the local style information forms a

group with the text subtitle data in the second segment, and

the local style information provides the font information for the text subtitle data recorded sequentially after the local style information.

13. (Currently Amended) A method of reproducing a data structure for managing reproduction of a text subtitle data, comprising:

reproducing a text subtitle stream from the recording medium, the text subtitle stream including at least a first segment and a second segment, the first segment including global style information and the second segment including text subtitle data and local style information, the first and second segment~~segments~~ including ~~an identifier~~identifiers identifying the first and second segment~~segments~~, respectively, and the second segment being linked to the first segment, the global style information providing at least one of composition information and rendering information for ~~an overall~~a region including the text subtitle data, and the local style information providing at least one font information for the text subtitle data, wherein

the global style information included in the first segment is separate from the text subtitle data included in the second segment and the local style information forms a group with the text subtitle data in the second segment, and

the local style information provides the font information for the text subtitle data recorded sequentially after the local style information.

14. (Currently Amended) An apparatus for recording a data structure for managing reproduction of a text subtitle data, comprising:

a pickup configured to record data on the recording medium;

a controller configured to control the pickup to record a text subtitle stream on the recording medium, the text subtitle stream including at least a first segment and a second segment, the first segment including ~~text subtitle data~~, global style information and the second segment including text subtitle data and local style information, the first and second segment~~segment~~segments including ~~an identifier~~identifiers identifying the first and second segment~~segment~~segments, respectively, and the second segment being linked to the first segment, the global style information providing at least one of composition information and rendering information for ~~an overall~~a region including the text subtitle data, and the local style information providing at least one font information for the text subtitle data, wherein

the global style information included in the first segment is separate from the text subtitle data included in the second segment and the local style information forms a group with the text subtitle data in the second segment, and

the local style information provides the font information for the text subtitle data recorded sequentially after the local style information.

15. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of a text subtitle data, comprising:

a pickup configured to reproduce data recorded on the recording medium;

a controller configured to control the pickup to reproduce a text subtitle stream from the recording medium, the text subtitle stream including at least a first segment and a second segment, the first segment including global style information and the

second segment including text subtitle data and local style information, and the first and second segment ~~segments~~ including ~~an identifier~~ identifiers identifying the first and second segment ~~segments, respectively~~, and the second segment being linked to the first segment, the global style information providing at least one of composition information and rendering information for ~~an overall~~ a region including the text subtitle data, and the local style information providing at least one font information for the text subtitle data, wherein

the global style information included in the first segment is separate from the text subtitle data included in the second segment and the local style information forms a group with the text subtitle data in the second segment, and

the local style information provides the font information for the text subtitle data recorded sequentially after the local style information.

16. (Cancelled)

17. (Previously Presented) The method of claim 12, wherein the text subtitle stream further includes global style information providing at least one of composition information and rendering information.

18. (Previously Presented) The method of claim 17, wherein the composition information includes position information for positioning a text subtitle data represented by the text subtitle on a display.

19. (Previously Presented) The method of claim 17, wherein the rendering information includes a display effect of the text subtitle data.

20. (Previously Presented) The method of claim 12, wherein the local style information is stored in association with the portion of the text subtitle data for which the local style information provides the font information.

21. (Cancelled)

22. (Previously Presented) The method of claim 13, wherein the composition information includes position information for positioning a text subtitle represented by the text subtitle data on a display.

23. (Previously Presented) The method of claim 13, wherein the rendering information includes a display effect of the text subtitle data.

24. (Previously Presented) The method of claim 13, wherein the local style information is stored in association with the portion of the text subtitle data for which the local style information provides the font information.

25. (Cancelled)

26. (Previously Presented) The apparatus of claim 14, wherein the controller is

configured to control the pickup to record the text subtitle stream which includes the composition information including position information for positioning a text subtitle represented by the text subtitle data on a display.

27. (Previously Presented) The apparatus of claim 14, wherein the controller is configured to control the pickup to record the text subtitle stream which includes the rendering information including a display effect of the text subtitle data.

28. (Previously Presented) The apparatus of claim 14, wherein the controller is configured to control the pickup to record the text subtitle stream which includes the local style information being stored in association with the portion of the text subtitle data for which the local style information provides the font information.

29. (Cancelled)

30. (Previously Presented) The apparatus of claim 15, wherein the controller is configured to control the pickup to reproduce the text subtitle stream which includes the composition information including position information for positioning a text subtitle represented by the text subtitle data on a display.

31. (Previously Presented) The apparatus of claim 15, wherein the controller is configured to control the pickup to reproduce the text subtitle stream which includes the rendering information including a display effect of the text subtitle data.

32. (Previously Presented) The apparatus of claim 15, wherein the controller is configured to control the pickup to reproduce the text subtitle stream which includes the local style information being stored in association with the portion of the text subtitle data for which the local style information provides the font information.

33.-37. (Cancelled)